

DETAILED ACTION

1. The Appeal Brief filed on 08/05/2009 has been considered by Examiner. Applicant's arguments, see page 6 and 7, with respect to claims 1, 10 and 18 have been fully considered and are persuasive. The rejection of claims 1-2, 5-10 and 13-18 have been withdrawn.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Thomas H. Ham on 11/19/2009 as bellow.

This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required. Abstract is hereby corrected as shown below.

ABSTRACT OF THE DISCLOSURE

A method of scanning lines in a display, a device for scanning lines and a portable electronic device including such a device scan lines consecutively for a

set of scanning cycles and vary the selection of subfield from line to line in each scanning cycle such that subfields are selected in a consecutive order from line to line, no two consecutive line scans use the same subfield and no line is scanned using the same subfield twice during the set of scanning cycles.

(1) In claim 9, lines 1-2, replace -- "are provided according to a combination of schemes listed in claims 5, 6, 7 -- with " have varying lengths, and wherein the subfields are subframes provided according to a frame length control scheme and a frame rate control scheme".

(2) In claim 17, lines 1-2, replace -- "are provided according to a combination of schemes listed in claims 13, 14, 15 -- with " have differing lengths, and wherein the subfields are provided as subframes according to a frame length control scheme and a frame rate control scheme".

Allowable Subject Matter

3. Claims 1-2, 5-10, and 13-18 are allowed.
4. The following is an Examiner's statement of reasons for allowance:
Regarding independent claims 1, 10 and 18:

The closest prior art of record Adachi (US Patent No: 6924824 B2) (in Fig. 5 (a-d)) teaches a method of scanning lines in a display (i.e. 10, Fig. 1) for each pixel within the frame is divided into subfields (SF1-SFn) (column 8, lines, 26-27, column 9, lines 25-27), selection of subfields (SF1-SF4) are used in a set of scanning cycles (four horizontal, 4H cycle) equivalent to the number of subfields existing for driving the pixels column (vertical line) (column 11, lines 40-57). The two consecutive lines in Fig. 5d use at least one common sub-frame, because in Fig. 5(d) shows both scan lines 13 and 14 use the same sub frame SF2, two consecutive scan lines in Figs 5 (b) and 5 (d) have subframes that overlap with respect to time. In this case Adachi's reference fails to teach the limitations **"varying the selection of subfield from line to line in each scanning cycle such that the subfields are selected in a consecutive order from line to line as the lines are scanned consecutively, the subfields of two consecutive lines do not overlap with respect to time during each scanning cycle, no two consecutive line scans use the same subfield and no line is scanned using the same subfield twice during the set of scanning cycles"** as recited in the independent claims 1, 10 and 18.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

5. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Shaheda Abdin whose telephone number is (571) 270-1673.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard HJerpe could be reached at (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Shaheda Abdin

11/ 23/2009

/Richard Hjerpe/

Supervisory Patent Examiner, Art Unit 2629

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